

# Other Chemical and Fertilizer Mineral Mining: 2002

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## 2002 Economic Census

### *Mining*

#### Industry Series



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Table 1. **Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Companies <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212393, Other chemical and fertilizer mineral mining ..... 2002... 1997..	38 36	47 45	1 963 2 160	80 815 88 110	1 486 1 573	2 876 3 283	57 537 60 833	254 754 239 096	127 845 146 687	347 779 361 396	39 872 24 387

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States and Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212393, Other chemical and fertilizer mineral mining												
United States.....	1	47	17	1 963	80 815	1 486	2 876	57 537	254 754	127 845	347 779	39 872
New York.....	—	5	2	400	15 315	299	595	12 346	57 899	24 275	72 062	8 914

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>212393, Other chemical and fertilizer mineral mining</b>	
Companies <sup>1</sup> .....	number.. 38
All establishments <sup>2</sup> .....	number.. 47
Establishments with 0 to 19 employees .....	number.. 30
Establishments with 20 to 99 employees .....	number.. 10
Establishments with 100 employees or more .....	number.. 7
All employees for pay period including March 12 .....	number.. 1 963
Total compensation .....	\$1,000.. 102 640
Annual payroll .....	\$1,000.. 80 815
Annual fringe benefits not included in payroll .....	\$1,000.. 21 825
Production, development, and exploration workers for pay period including March 12 .....	number.. 1 486
Production, development, and exploration worker annual hours .....	1,000.. 2 876
Production, development, and exploration worker annual wages .....	\$1,000.. 57 537
Total cost of supplies .....	\$1,000.. 127 845
Supplies used, minerals received, and purchased machinery installed .....	\$1,000.. 94 040
Resales .....	\$1,000.. 2 978
Purchased fuels consumed .....	\$1,000.. 5 792
Purchased electricity .....	\$1,000.. 14 845
Contract work .....	\$1,000.. 10 190
Quantity of electricity purchased .....	1,000 kWh.. 226 945
Quantity of electricity generated less sold .....	1,000 kWh.. -
Total other expenses .....	\$1,000.. 44 200
Response coverage ratio <sup>3</sup> .....	percent.. 88
Communications services .....	\$1,000.. 1 055
Legal services .....	\$1,000.. 1 130
Accounting, auditing, and bookkeeping services .....	\$1,000.. 175
Advertising and promotional services .....	\$1,000.. 64
All other expenses (not included above) .....	\$1,000.. 41 776
Total value of shipments and receipts for services .....	\$1,000.. 347 779
Primary products value of shipments .....	\$1,000.. 329 061
Secondary products value of shipments and receipts for services .....	\$1,000.. 15 362
Value of resales .....	\$1,000.. 3 356
Value of primary products shipments or services produced in all industries .....	\$1,000.. 329 440
Value of primary products shipments or services produced in this industry .....	\$1,000.. 329 061
Value of primary products shipments or services produced in other industries .....	\$1,000.. 379
Value added .....	\$1,000.. 254 754
Total inventories, end of 2001 .....	\$1,000.. 49 008
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 37 248
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 11 760
Total inventories, end of 2002 .....	\$1,000.. 65 479
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 50 984
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 14 495
Gross book value of depreciable/depletable assets at beginning of year .....	\$1,000.. 519 815
Capital expenditures (except land and mineral rights) .....	\$1,000.. 39 872
Capital expenditures for buildings, structures, machinery, and equipment (new and used) .....	\$1,000.. D
Capital expenditures for mineral exploration and development .....	\$1,000.. D
Capital expenditures for mineral land and rights .....	\$1,000.. D
Deductions from depreciable/depletable assets during year .....	\$1,000.. D
Gross book value of depreciable/depletable assets at end of year .....	\$1,000.. 550 612
Total depreciation/depletion charges during year .....	\$1,000.. 36 130
Total rental payments during year .....	\$1,000.. 4 996
Buildings and other structures .....	\$1,000.. 1 384
Machinery and equipment .....	\$1,000.. 3 612
Lease rents .....	\$1,000.. 447
Expensed mineral exploration, development, land, and rights .....	\$1,000.. D

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
<b>212393, Other chemical and fertilizer mineral mining</b>											
All establishments .....	1	47	1 963	80 815	1 486	2 876	57 537	254 754	127 845	347 779	39 872
Establishments with —											
0 to 4 employees .....	6	19	40	1 621	31	59	1 231	7 833	2 545	8 188	473
5 to 9 employees .....	9	5	36	1 407	33	71	1 237	10 994	3 259	12 110	405
10 to 19 employees .....	—	6	89	3 607	64	120	2 221	30 203	D	63 501	D
20 to 49 employees .....	1	6	212	8 623	156	353	5 898	47 821	D	60 939	D
50 to 99 employees .....	1	4	265	10 171	208	339	7 102	24 167	5 530	27 563	1 579
100 to 249 employees .....	1	7	1 321	55 386	994	1 934	39 848	133 736	66 026	175 478	25 144
250 to 499 employees .....	—	—	—	—	—	—	—	—	—	—	—
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>3</sup> .....	9	13	32	1 380	25	51	1 001	5 953	1 973	5 368	461

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Type of Operation: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments <sup>1</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212393, Other chemical and fertilizer mineral mining									
All establishments .....	47	17	1 963	80 815	1 486	2 876	57 537	254 754	347 779
Producing establishments .....	47	17	1 963	80 815	1 486	2 876	57 537	254 754	347 779
Mines or wells only .....	27	4	693	28 729	529	1 030	20 393	65 854	89 330
Underground mines .....	2	2	e	D	D	D	D	D	D
Open-pit mines .....	21	2	e	D	D	D	D	D	D
Combination mines, well operations, or other types of mines .....	4	—	a	D	D	D	D	D	D
Mines with preparation plants .....	12	11	1 134	47 837	857	1 655	34 057	142 564	176 877
Underground mines .....	8	8	962	41 032	729	1 464	29 724	119 719	146 461
Open-pit mines .....	3	2	b	D	D	D	D	D	D
Combination mines or other types of mines .....	1	1	b	D	D	D	D	D	D
Separately operated preparation plants .....	—	—	—	—	—	—	—	—	—
Undistributed <sup>2</sup> .....	8	2	136	4 249	100	191	3 087	46 336	81 572
Nonproducing establishments .....	—	—	—	—	—	—	—	—	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6a. Products or Services Statistics: 2002 and 1997**

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212393	Other chemical and fertilizer mineral mining .....	2002.. X 1997.. X	X X	329 440 353 568
2123932	Barite .....	2002.. X 1997.. X	X X	77 455 N
21239321	Barite .....	2002.. X 1997.. X	X X	77 455 N
2123932100	Barite ..... 1,000 metric tons ..	2002.. 941.6 1997.. N	567.1 N	77 455 N
2123933	Rock salt .....	2002.. X 1997.. X	X X	188 920 220 846
21239331	Rock salt .....	2002.. X 1997.. X	X X	188 920 220 846
2123933100	Rock salt ..... 1,000 s tons ..	2002.. X 1997.. X	8 488.6 12 585.2	188 920 220 846
2123935	Native sulfur .....	2002.. X 1997.. X	X X	— D
21239351	Native sulfur .....	2002.. X 1997.. X	X X	— D
2123935100	Native sulfur ..... 1,000 metric tons ..	2002.. — 1997.. D	— D	— D
2123939	Other chemical and fertilizer minerals .....	2002.. X 1997.. X	X X	26 057 D
21239391	Other chemical and fertilizer minerals .....	2002.. X 1997.. X	X X	26 057 D
2123939100	Other chemical and fertilizer minerals .....	2002.. X 1997.. X	X X	26 057 D
212393W	Other chemical and fertilizer mineral mining, nsk .....	2002.. X 1997.. X	X X	37 008 D
212393WY	Other chemical and fertilizer mineral mining, nsk .....	2002.. X 1997.. X	X X	37 008 D
212393WYWT	Other chemical and fertilizer mineral mining, nsk .....	2002.. X 1997.. X	X X	37 008 D

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2123932	Barite	
	United States..... 2002..	77 455
	..... 1997..	N
	Louisiana..... 2002..	45 289
	..... 1997..	N
	Nevada..... 2002..	7 320
	..... 1997..	N
2123933	Rock salt	
	United States..... 2002..	188 920
	..... 1997..	220 846
2123935	Native sulfur	
	United States..... 2002..	—
	..... 1997..	D
2123939	Other chemical and fertilizer minerals	
	United States..... 2002..	26 057
	..... 1997..	D

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997**

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212393	Other chemical and fertilizer mineral mining		
	Supplies consumed by type		
21239003	Crude minerals, received for preparation ..... mil metric tons (dry basis) .. 2002..	S	1 919
	..... 1997..	D	D
21239005	Crude minerals, mined and prepared at same establishment ..... mil metric tons (dry basis) .. 2002..	15.0	X
	..... 1997..	15.2	X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation ..... 2002..	X	26 177
	..... 1997..	X	9 404
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment ..... 2002..	X	26 234
	..... 1997..	X	11 615
32500073	Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories ..... 2002..	X	2 730
	..... 1997..	X	D
32592001	Explosive materials (including ammonium nitrate) and blasting accessories ..... 2002..	X	7 161
	..... 1997..	X	3 932
33120059	Steel shapes and forms (excluding castings and forgings) ..... 2002..	X	381
	..... 1997..	X	D
00970098	All other supplies ..... 2002..	X	18 713
	..... 1997..	X	16 469
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used ..... 2002..	X	10 725
	..... 1997..	X	D
	Fuels consumed by type		
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel ..... 1,000 bbl .. 2002..	P56.2	2 150
	..... 1997..	D	D
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel ..... 1,000 bbl .. 2002..	D	D
	..... 1997..	D	D
21111015	Gas (natural, manufactured, and mixed) used as a fuel ..... bil cu ft .. 2002..	q.4	1 350
	..... 1997..	D	D
32411015	Gasoline used as a fuel ..... mil gal .. 2002..	D	D
	..... 1997..	D	D
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) ..... 2002..	X	D
	..... 1997..	X	D
00974000	Undistributed fuels ..... 2002..	X	2 058
	..... 1997..	X	D

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.